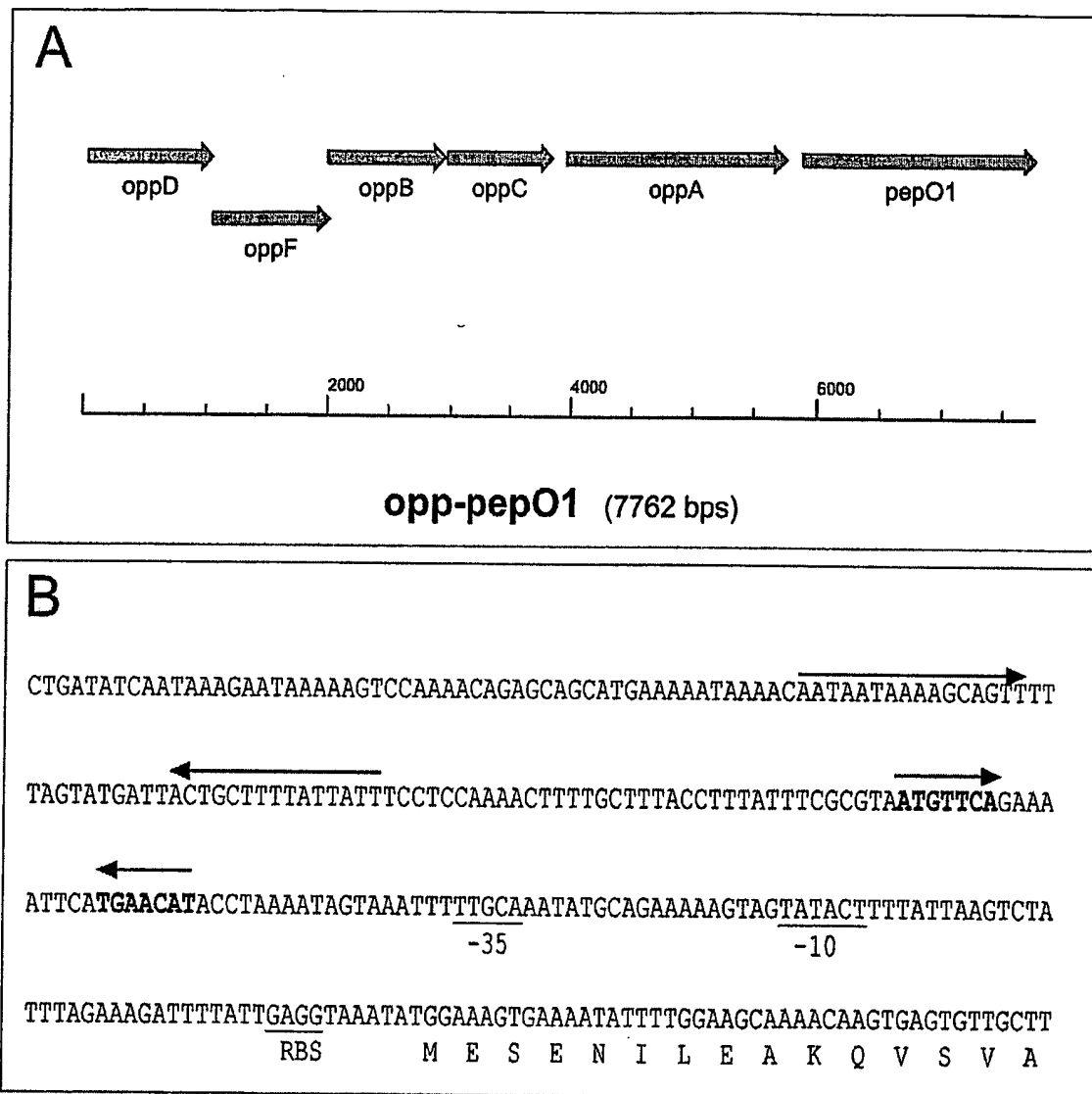


Fig. 1



2/14

Fig. 2

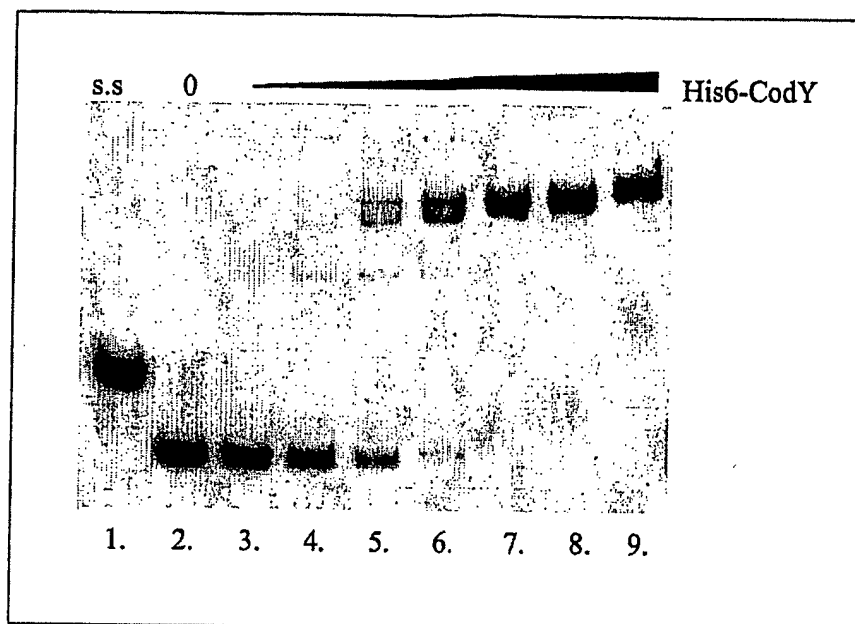


Fig. 3

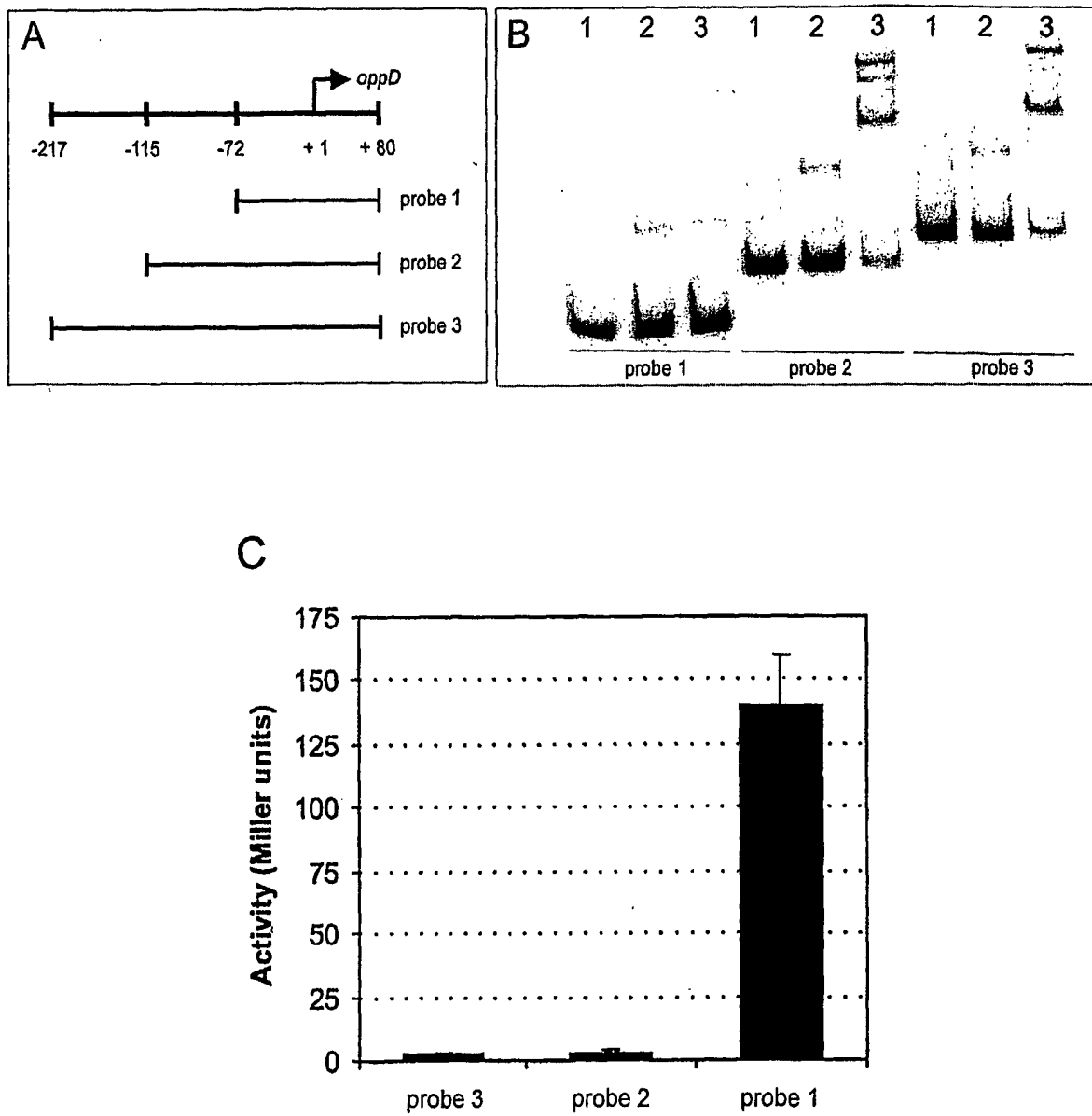


Fig. 4

A

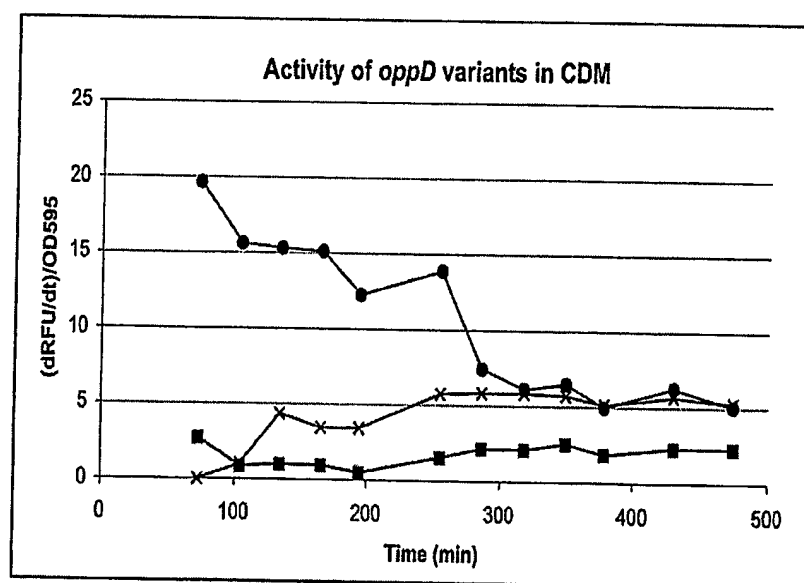
AATGTTCAGAAAATTCATGAACATAC *WT*

AATATTAAGAAAATTCATGAACATAC *Opp15(a)*

ACTGTGCCGAAAATTCATGAACATAC *Opp15(b)*

AACTGCAGGAAAATTCATGAACATAC *Opp 2*

B



C

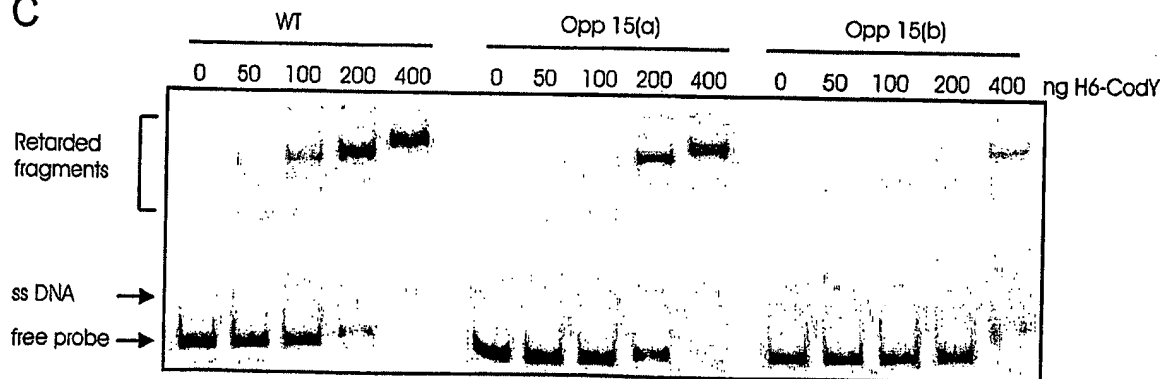


Fig. 4D

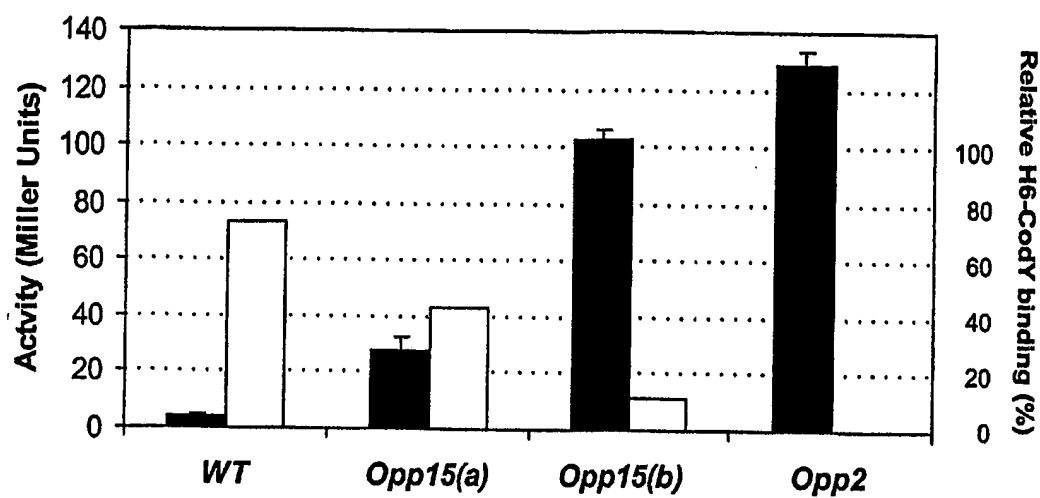
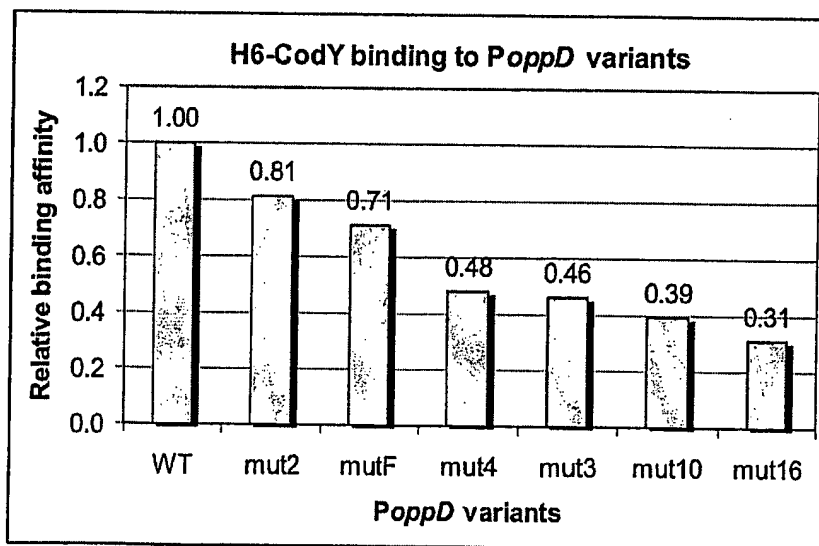


Fig. 5A

WT	CGTA <u>ATGTTCA</u> GAAAATTCA <u>TGAACAT</u> ACC
MUT2	CGTA ATGTTCT GAAAATTCA TGAACAT ACC
MUTF	CGTA ATGTTCA GAAAATTCA TGGACAT ACC
MUT4	CGTA ATGTTCA GAAAATTCA TGAGCAT ACC
MUT3	CGTA GTGTTCA GAAAATTCA TGAACAT ACC
MUT10	CGTA ATGTCCA GAAAATTCA TGAACAT ACC
MUT16	CGTA ATGTTCG GAAAATTCA TGAACAC ACC

Fig. 5B



7/14

Fig. 6A

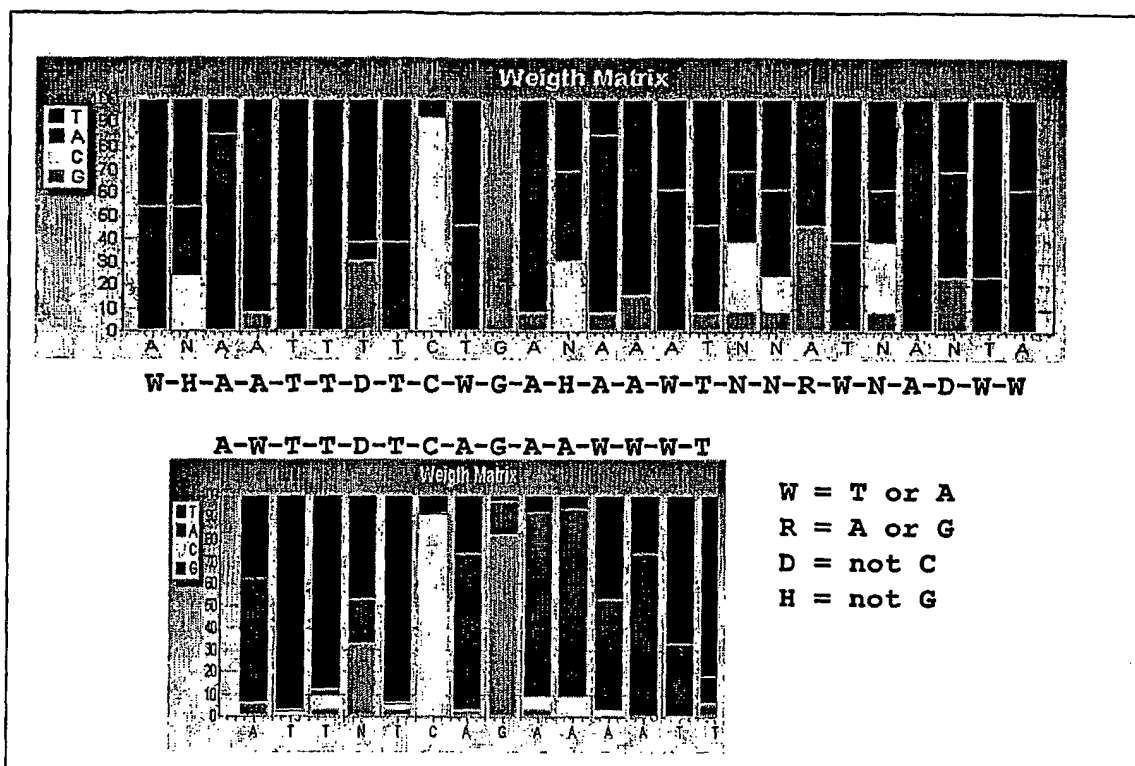
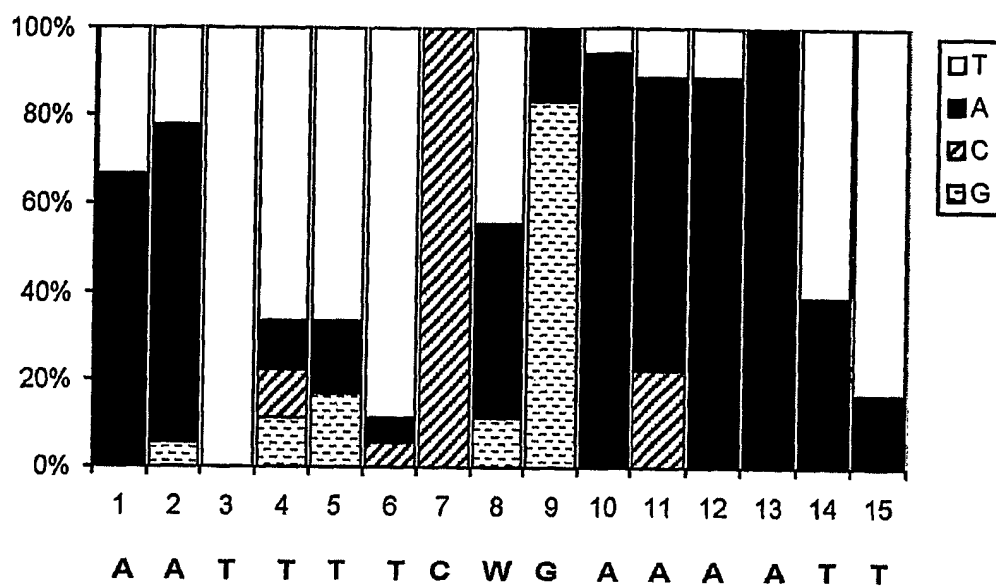


Fig. 6B



9/14

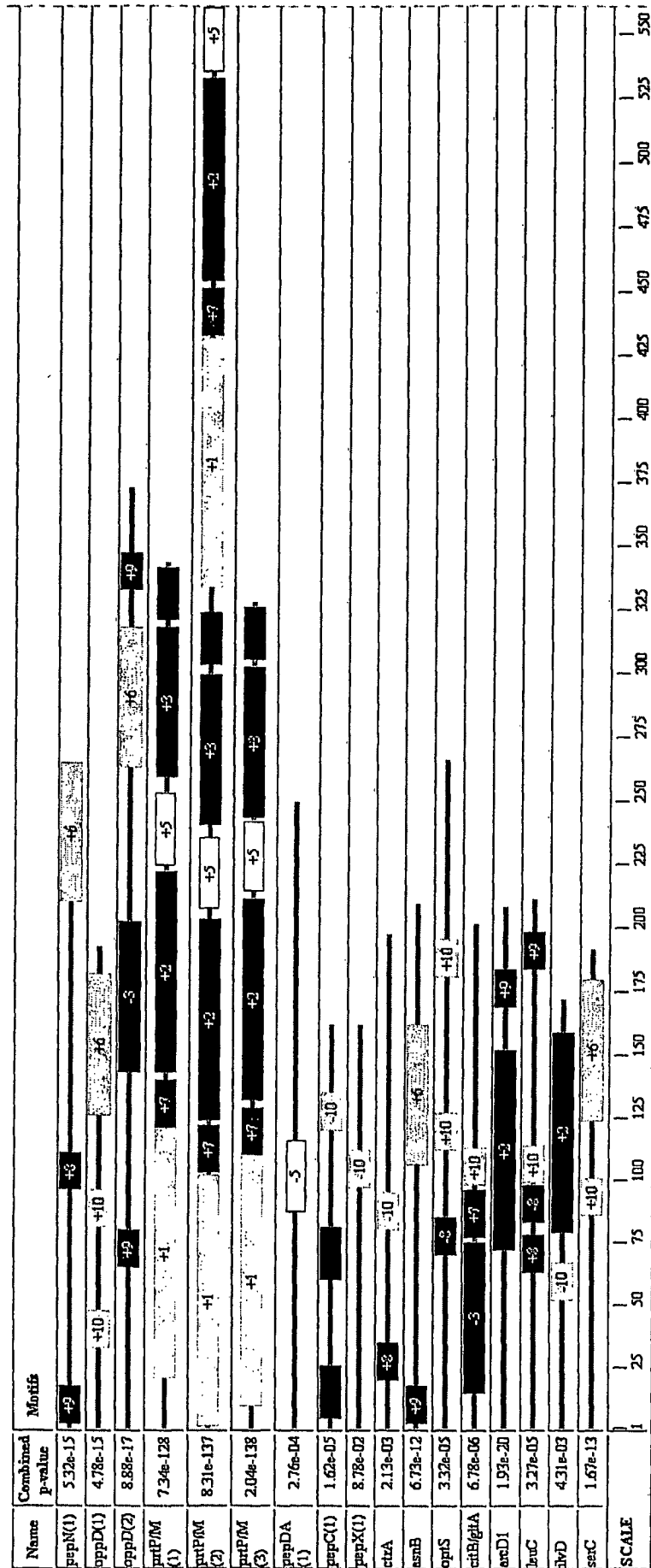


Fig. 7

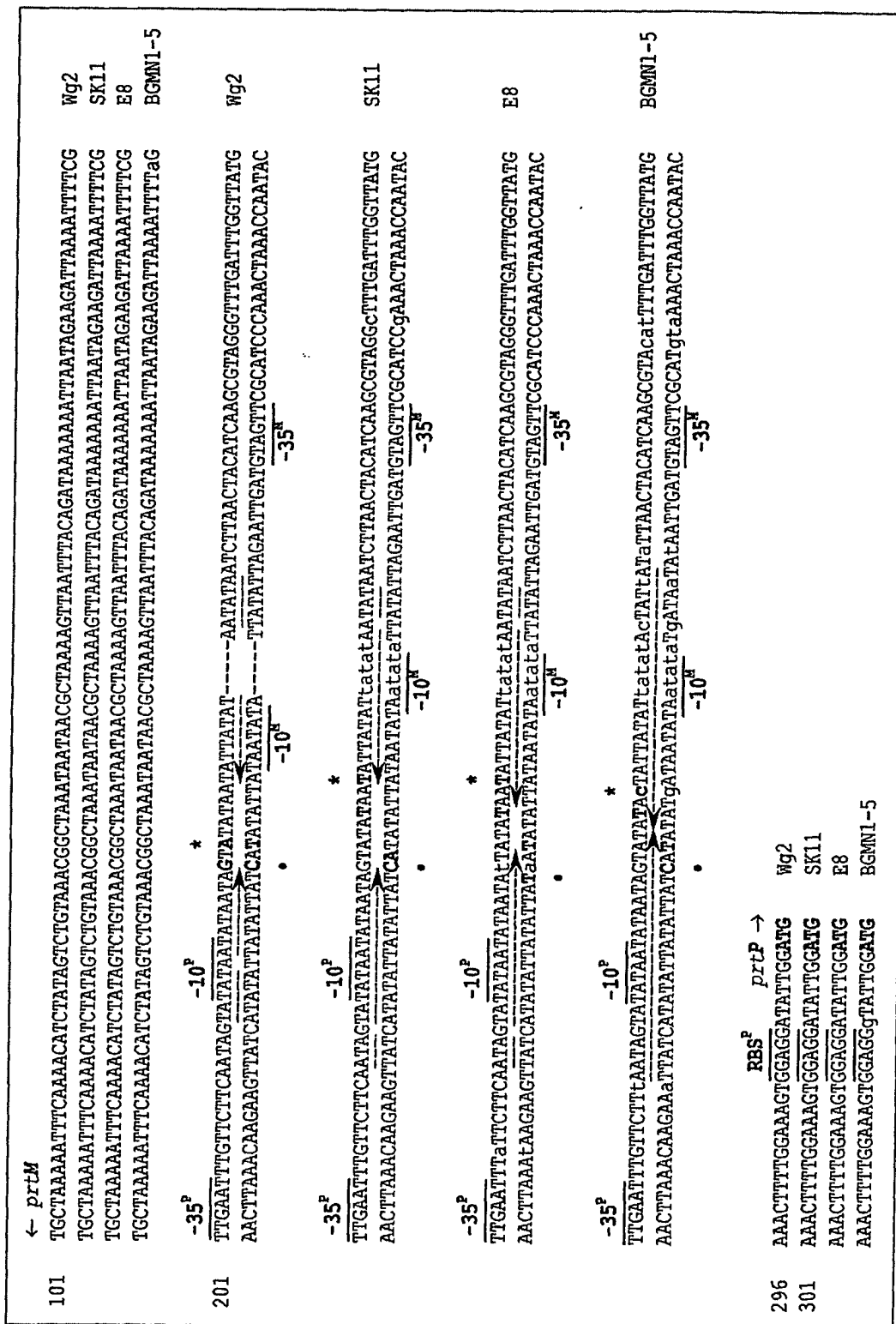
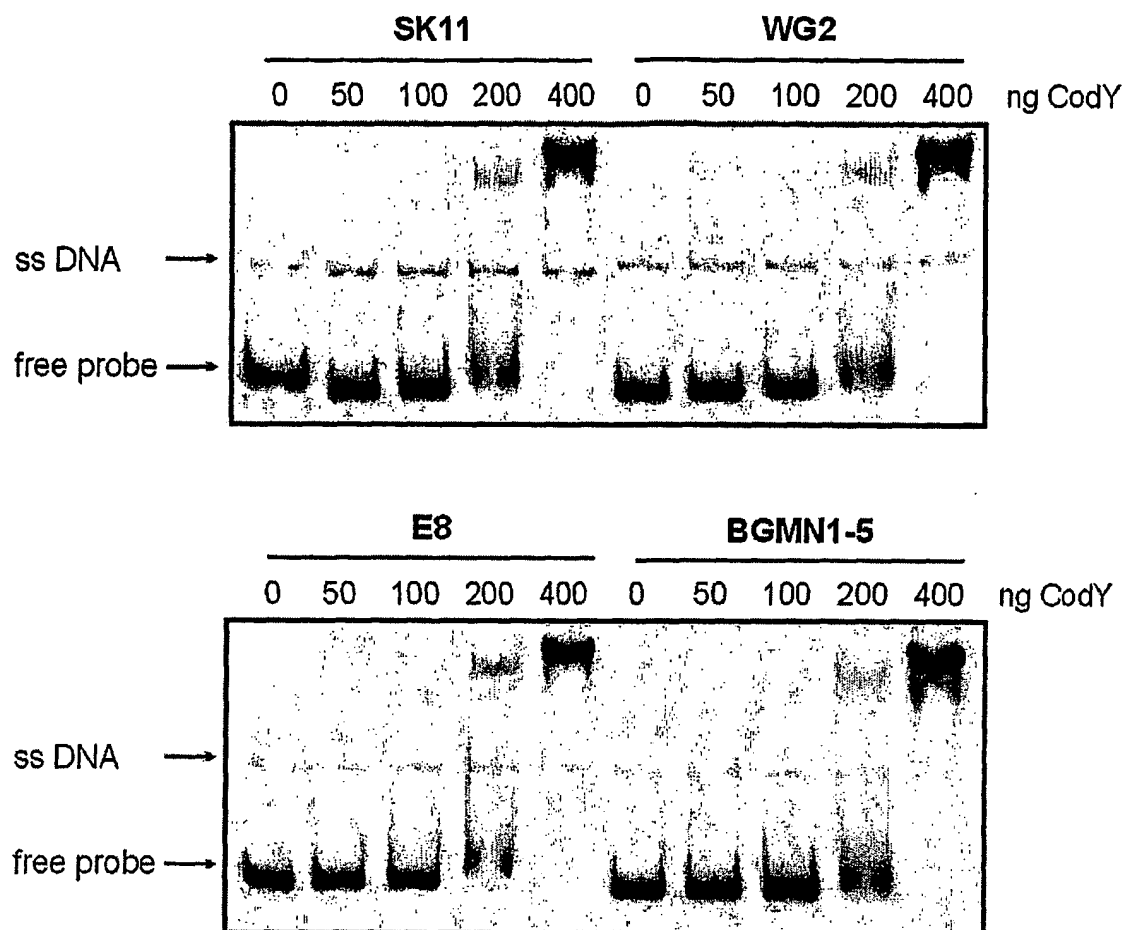


Fig. 8

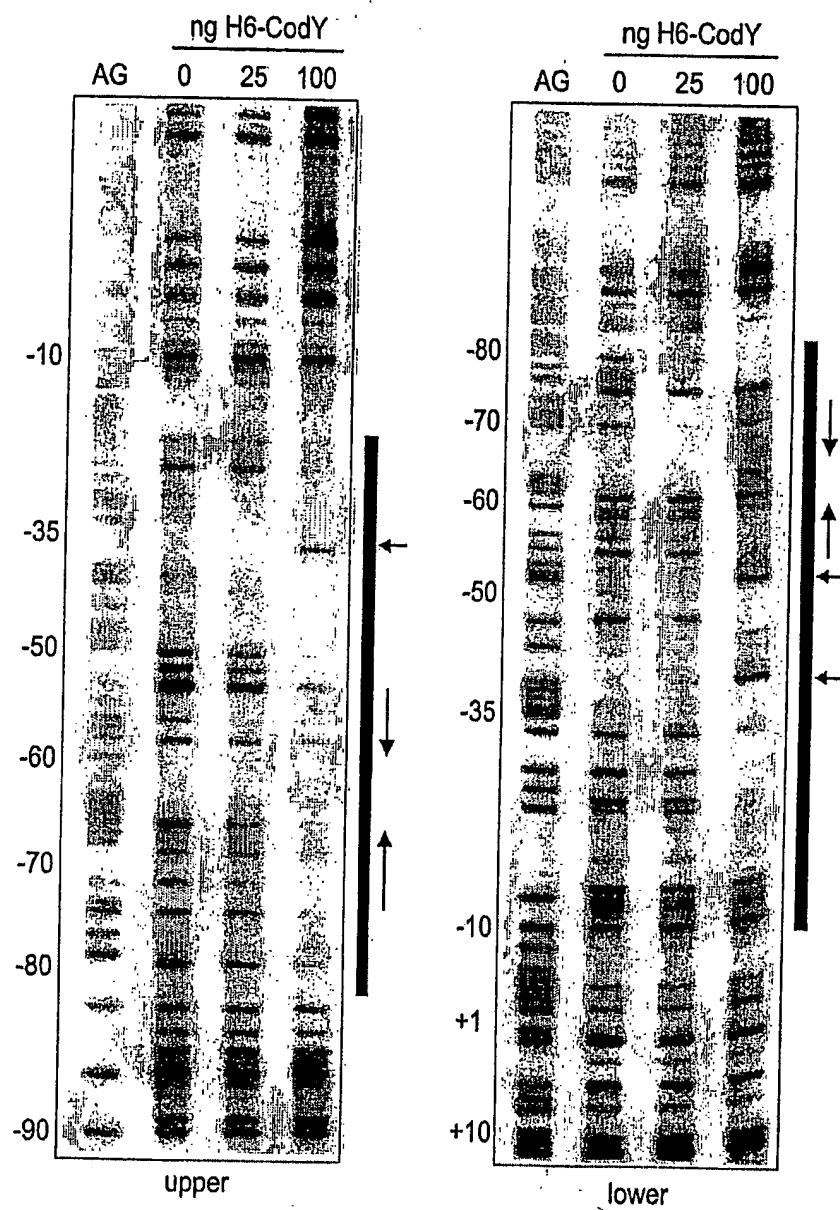
11/14

Fig. 9



12/14

Fig. 10



13/14

Fig. 11

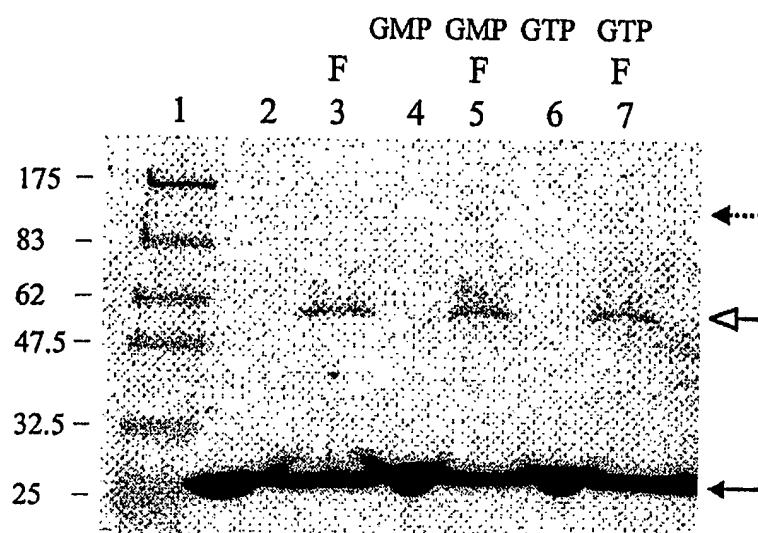
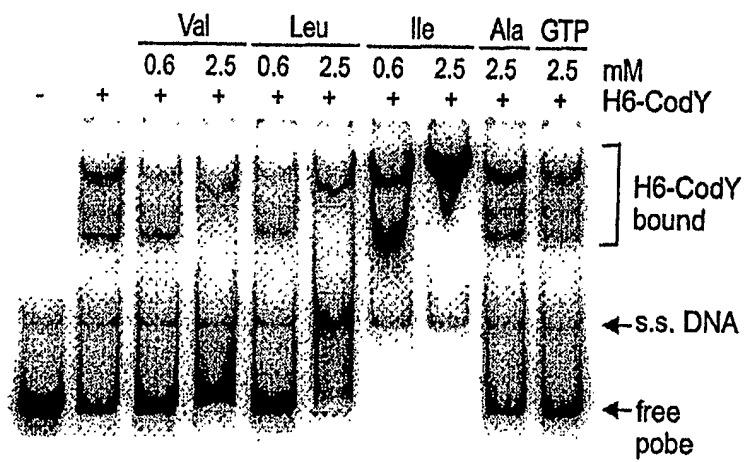
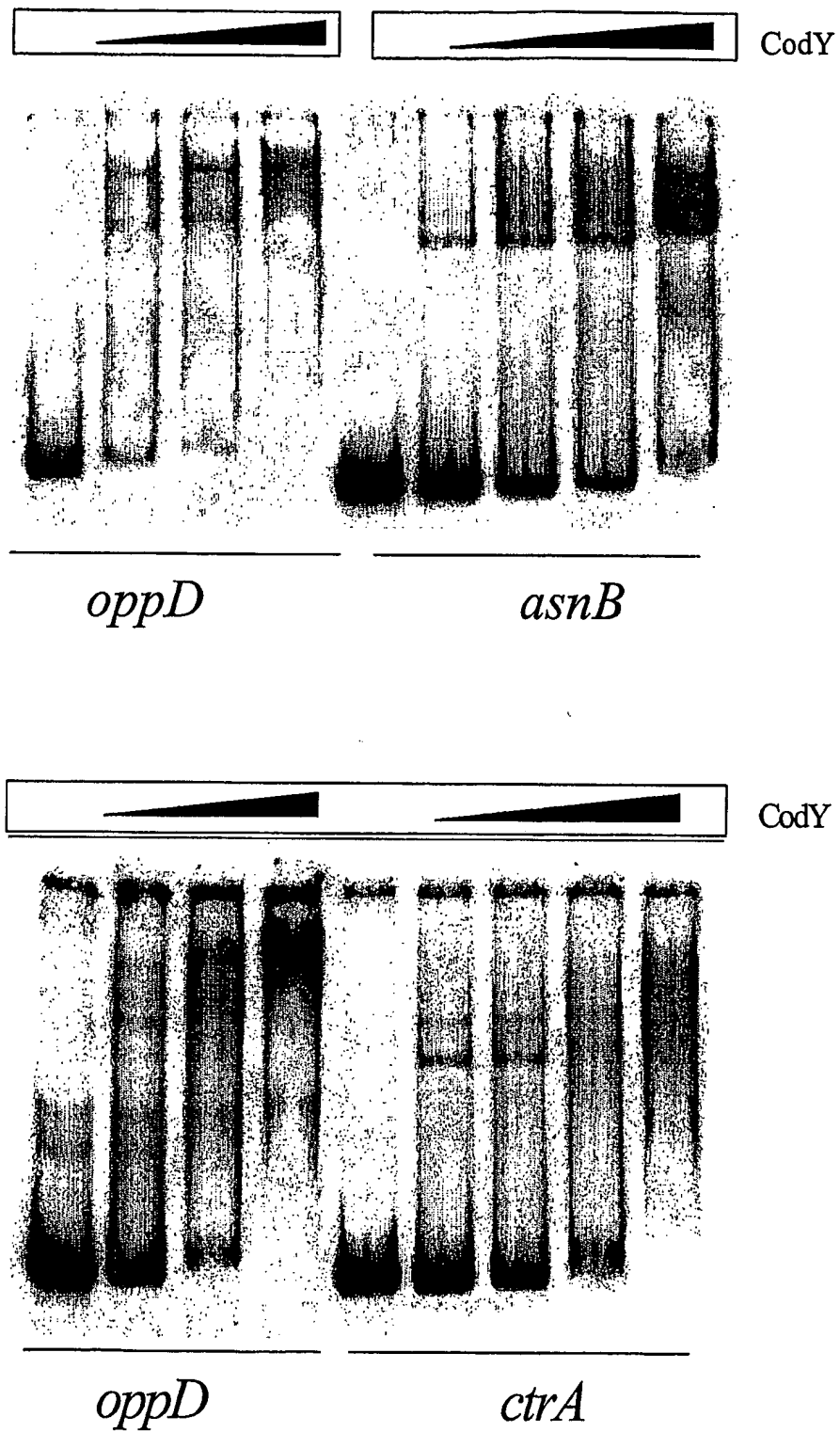


Fig. 12



14/14

Fig. 13



**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☒ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☐ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER: _____**

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.